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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/944,472
Filing Date	August 30, 2001
First Named Inventor	James J. Howarth
Group Art Unit	2815
Examiner Name	J. Diaz
Attorney Docket Number	2269-4348US (MUEI-0547.00/US)

**ENCLOSURES (check all that apply)**

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal)
- ☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16
- ☐ Preliminary Amendment
- ☐ Response to Restriction Requirement/Election of Species Requirement dated
- ☒ Amendment in response to office action dated March 18, 2004
- ☐ Amendment under 37 C.F.R. § 1.116 in response to final office action dated
- ☐ Additional claims fee - Check No. in the amount of \$
- ☐ Letter to Chief Draftsman and copy of FIGS. with changes made in red
- ☐ Transmittal of Formal Drawings
- ☐ Formal Drawings ( sheets)

- ☐ Information Disclosure Statement, PTO/SB/08A (08-00); ☐ copy of cited references
- ☐ Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00
- ☐ Associate Power of Attorney
- ☐ Petition for Extension of Time and Check No. in the amount of \$
- ☐ Petition
- ☐ Fee Transmittal Form
- ☐ Certified Copy of Priority Document(s)
- ☐ Assignment Papers (for an Application)

- ☐ Terminal Disclaimer
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Remarks

The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

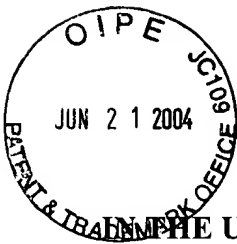
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Date	June 18, 2004	

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**PATENT**

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

James J. Howarth

**Serial No.:** 09/944,472

**Filed:** August 30, 2001

**For:** METHOD OF BALL GRID ARRAY  
(BGA) ALIGNMENT, METHOD OF  
TESTING, ALIGNMENT APPARATUS  
AND SEMICONDUCTOR DEVICE  
ASSEMBLY

**Confirmation No.:** 1559

**Examiner:** J. Diaz

**Group Art Unit:** 2815

**Attorney Docket No.:** 2269-4348US  
(MUEI-0547.00/US)

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6/18/2004  
Date

Signature

Deidra Pfeil

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**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Office Action mailed March 18, 2004, the three-month shortened statutory period for response to which expires on June 18, 2004.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper.